#### Recreational Use Attainability Analysis

#### **Cover Sheet**

Water Body Name: EFK. Roabidoux Creek
Water Body Identification #: \_\S\\\8
Completed UAA Checklist:  G Pre-Field Preparatory Data Sheet G Maps with actual survey sites marked G Data Sheet A G Data Sheet B – 3 of 3 pages for each site O Number of Sites: 3 G Data Sheet C (if applicable) Number of Interviews: 6 G Photographs Quantities Upstream 3 Downstream 3 Other 3
I, the undersigned, hereby affirm to the best of my knowledge, that all information reported in this UAA is true and accurate.
Signed: Date:
Printed Name: 3755169 CNW/Cy Telephone #: 410-356-8993
Organization: Tetra tech Inc Position: Scientist

#### <u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: E, FK, Roubic (from USGS 7.5' quad)	loux creek					
8-digit HUC: 10290201	Missouri Water Body Identification (WBID) #: 1518					
County: TTX95						
Upstream Legal Description:						
Downstream Legal Description:						
Discharger Facility Name(s):						
Discharger Permit Number(s):						
Weather Conditions for Past 7 days: Sanny warm 90°F						

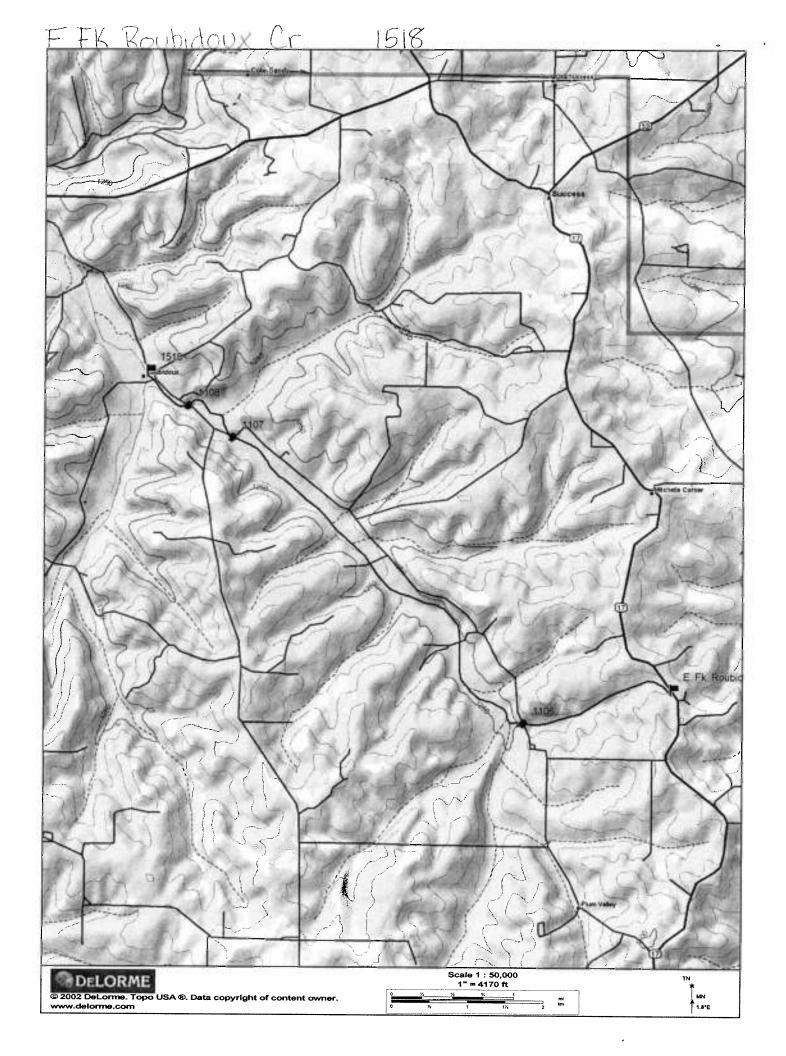
Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

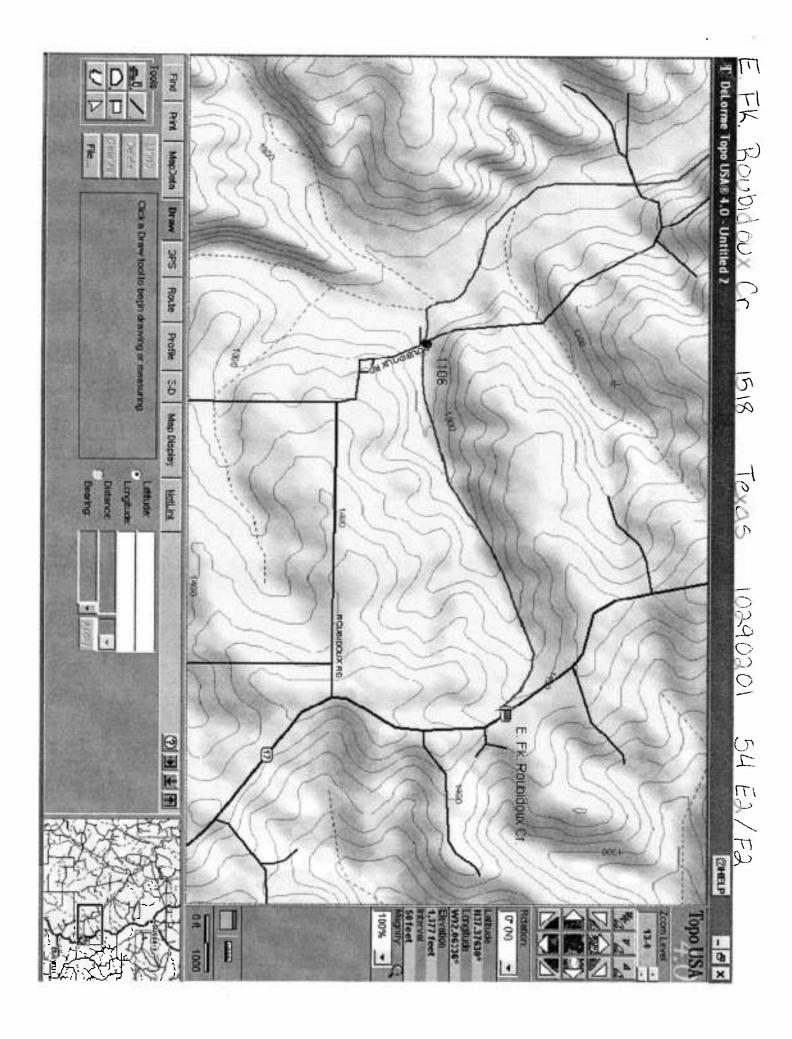
WBID # \5 | 8

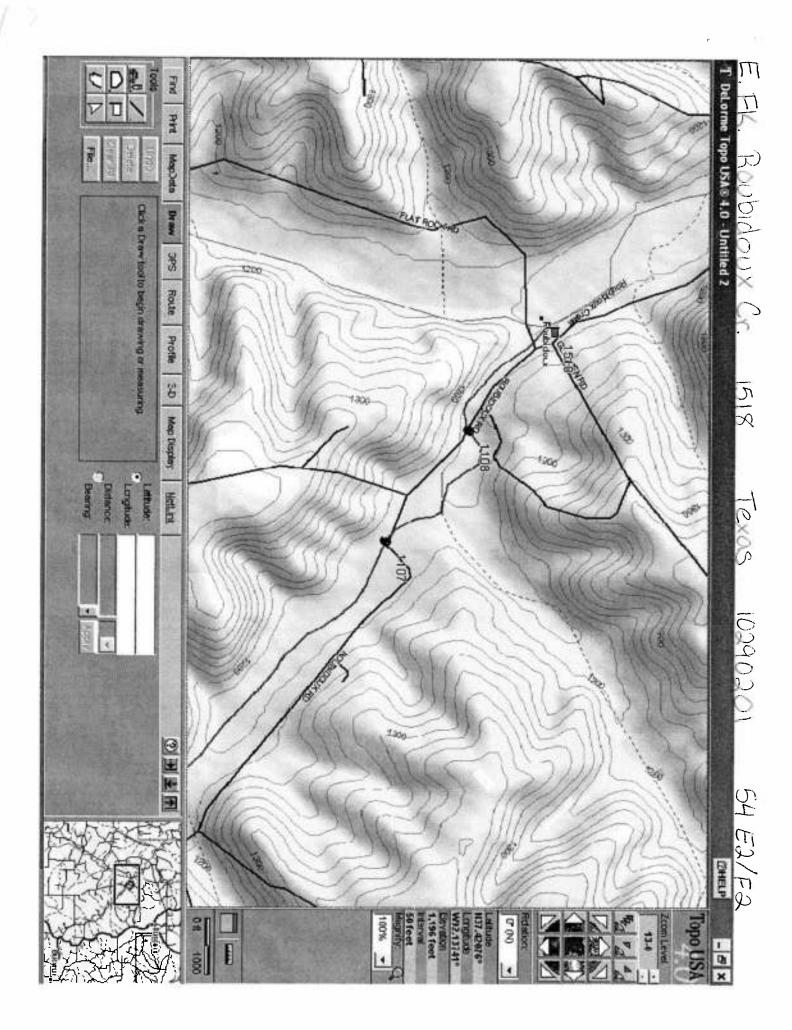
Date: 7 / 35 /06

#### Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet A - Water Body Identification







WBID #_	1518	Site # <u>\ </u> \
Date: A	126 N	

## Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

				- 101 04	on once)	
Latitude (ddd.dddd):	37.38153				Arrival Time:	
Longitude (ddd.dddd):	- 0009907	7 i				
Photo Ids: Upstream:	Photo Ids: Upstream: Downstream:				Other:	
	#161 #167				Otner:	
			100			
Narrative Description	of Location: (De	ecribe	A Baggaga majut to atus	•		
	D Louis	L	access point to stream, ne	arby roac	is, landmarks, etc.	)
(Q)	Roubidou 80	Hen		· 0		
			-Road Cross	ing		
Surrounding Condition	つして ns*: (Mark all that	-25-0 promo	Xe ote or impede recreational :	J	ah mha4a 6 - ' 1	,
ems of interest.)			ar impede recreationar (	iscs. Alla	en photos of evid	ence or unusual
☐ City/county parks	☐ Playgrounds	□ 1	MDC conservation lands	□ Ur	ban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks		National forests	□ Na	ture trails	☐ Stairs/walkway
☐ No trespass sign	▼ Fence		teep slopes	□ Otl	Other:	
uman Uses Observed	<b>!*:</b>					
☐ Swimming	☐ Skin diving		☐ SCUBA diving	□ Tu	hina	
☐ Wind surfing	☐ Kayaking		☐ Boating	<u> </u>		☐ Water skiing
☐ Hunting	☐ Trapping		☐ Fishing	☐ Wading ☐ None of the above		Rafting
Describe: (include numb	per of individuals rec	reating	g, frequency of use, photo-	documen	tation of avidence	Other:
		`	, , , , , , , , , , , , , , , , , , ,	4004411011	union of evidence	of recreational uses, etc.)
				·····		
idence of Human Us	e*:					
☐ Roads	☐ Foot paths/prin	ts	☐ Dock/platform	□ Live	estock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites				DES Discharge	☐ Fishing Tackle
☐ Other:		***	-		Discharge	Tishing Tackle
urces of Pollution: (e.	g., trash dumping, tir	es, dra	ainages, discharges, etc.)			
				*		

WBID #	<i>‡_</i>	1518	Site #	1106
,	1	~ (		

Date: 1 1/25 / 00

#### Data Sheet B - Site Characterization - 2 of 3

ream Morph			100	(		
Upstream Vi	iew Physical Din Distance from	nensions: L	) eg cha	me 1		
	access point (m)	Width (m)	Length (	(m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle			/ ^			
□ Run			/ [			
□ Pool		1 7				
□ Flow I	Present?	□ No	Velocity (ft/s	ec):		
D	<b>T</b> 7. <b>T</b> N		100	1		
Downstream	View Physical I Distance from		k /	mel		
	access point (m)	Width (m)	Length (	m)	Avg. Depth (m)	Max Depth (m)
□ Riffle			/ _			
□ Run		/ V	/ [			
□ Pool		l	4			
□ Flow P	Present?	□ No	Velocity (ft/se	ec):		
			/			
	ese values should add		^			
% Col	bble % C	Gravel / / /	Sand	% Silt	% Mud/Clay	% Bedrock
uatic Vegetat	tion*: (Note amoun	t of vegetation or a	lantarough of the co			
8	v (rvice amoun	C A	ngar growth at the as	sessment si	te.)	
		N/A				
ter Characte	ristics*: (Mark all	that apply				
Odor:	☐ Sewage	☐ Musky	Chemical	□ None	П оч.	
Color:	□ Clear	□ Green	Gray	☐ Milky	Other:	
Bottom Deposit		□ Solids	Fine sediments		· · · · · · · · · · · · · · · · · · ·	
Surface Deposit		□ Scum	······································		☐ Other:	
		Li Scuiii	☐ Foam	□ None	☐ Other:	

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 1518 Site # 110 **Ø**Date: 7 / 25 / 0φ

## Data Sheet B - Site Characterization - 3 of 3

<b>Comments:</b> Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).
Coordinates on the sitelist did not
appear to be correct
US+05 from access point were dry

WBID #_	1518	_Site#	106	
Date: 7	12510	$\chi_{\rho}$		

Telephone #:

## Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

<ol> <li>Do you live in the area? ☐ Yes ☐ No</li> <li>If so, how long have you lived here?</li> </ol>							
2. Have you pe If so, ple	rsonally used th ase check ALL	is water body for rethat apply:	ecreation since 1975?	□ Yes □ No			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
How often do you use it for recreation?  G More than 5 times per year  G 1-5 times per year  Less than 1 time per year – please describe:  3. Have you observed others using this water body for recreation since 1975?   Yes No							
☐ Swimming	se check ALL t	□ SCUBA diving	☐ Tubing	□ Water aliii			
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Water skiing ☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
How often have you observed it being used for recreation?  G More than 5 times per year  G 1 - 5 times per year  G Less than 1 time per year - please describe:							
4. Additional Comments:							
Contact Information (if willing to provide): Name: Address:							

WBID # 1518 Site # 107 Date: 1/36/04

## Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latituda (ddd dddd).	9 (11/ 20)					
Latitude (ddd.dddd): 3	1.41628		Arrival Time:			
Longitude (ddd.dddd):	<u>-9</u> 2.13660			<i>20</i> 0		
Photo Ids: Upstream:	- <b>-</b>	Downstream:	Other:			
Photo Ids: Upstream:  Tobs  Downstream:  Tobs  Other:  Tobs  Tobs  Tobs  Photo Ids: Upstream:  Tobs  Downstream:  Tobs  Tobs						
NT / D						
Narrative Description	of Location: (De	scribe access point to stream, ne	earby roads, landmarks, etc.	)		
(Ca	d crossiv	g on Roubic	lary Rd.			
		promote or impede recreational	_	ence or unusual		
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	☐ Fence	☐ Steep slopes	☐ Other:			
Human Uses Observed	k •					
	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	None of the above			
Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)						
Evidence of Human Use	*:					
☐ Roads	☐ Foot paths/prin	ts Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks		
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle		
☐ Other:			<u> </u>	1 0		
Sources of Pollution: (e.g	., trash dumping, tir	res, drainages, discharges, etc.)				
	****	trash				

WE	BID # 15	01号Site#	1107				4
		25/06					<del>-1</del>
		Dat	ta Sheet B - Site	Characteriza	tion – 2 of 3		
Stre	eam Morp	ohology:					
Ţ	<b>Jpstream</b>	View Physical Dir	mensions:				
		Distance from access point (m)	Width (m)	Lengt	h (m)	Avg. Depth (m)	Max Depth (m)
	□ Riffle						
	□/Run						
	Pool	50	18	50		1.2	17.
F	Flow	Present? ☐ Yes		Velocity (	ft/sec): 🔥	<u> </u>	1.6
						morande.	How -
D	ownstrea	m View Physical	Dimensions:	<b>—</b>			
		Distance from access point (m)	Width (m)	Lengt	h (m)	Avg. Depth (m)	Max Depth (m)
	□ Riffle						
	Run						
4	Pool	5	, 7	9		.5	· 8
V.	Z Flow	Present?	No	Velocity (f	t/sec): (00		
_						measurable	2 flow
Subs		These values should ac					
L	50 %	Cobble 50 %	Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
Aqu	atic Vege	tation*: (Note amou	nt of vegetation or al	gal growth at the	assessment site	e.)	
		50med	luckweed				
Wate	er Charac	eteristics*: (Mark al	141-41				
	odor:						
	Color:	Sewage	□ Musky	☐ Chemical	☑ None	☐ Other:	
1	OIOI:	🗹 Clear	☐ Green	☐ Grav	☐ Milky	Othor:	

☐ Gray

☐ Foam

 $\square$  Fine sediments

☐ Milky

None

None

☐ Other:

 $\square$  Other:

☐ Other:

☐ Green

☐ Solids

☐ Scum

**Bottom Deposit:** 

Surface Deposit:

☐ Sludge

☐ Oil

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID #_	1513	_ Site # _	1107
Date: 7			

## Data Sheet B - Site Characterization - 3 of 3

<b>Comments:</b> Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	

□ No

☐ Water skiing

☐ Rafting

☐ Other:

WBID # <u>\5\8</u> Site	e#1107_				
Date: 7 / 25/06					
	Field Data S	Sheets for Recreat	ional Use Stream Sui	rveys	
(	(Make addition	Data Sheet C – nal copies as neces	Interviews sary for multiple inter	views)	
If so, how leads to the source of the source	<ol> <li>Do you live in the area? ☐ Yes ☐ No         If so, how long have you lived here?</li></ol>				
	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing ☐	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting	
☐ Hunting ☐	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:	
How often G G G G	More than $1-5$ times	for recreation? 5 times per year s per year 1 time per year – pl	lease describe:		

☐ Hunting ☐ Trapping ☐ Fishing ☐ None of the above

How often have you observed it being used for recreation?

G More than 5 times per year

G 1-5 times per year

If so, please check ALL that apply:

☐ Skin diving

☐ Kayaking

G Less than 1 time per year – please describe:

3. Have you observed others using this water body for recreation since 1975?  $\square$  Yes

☐ SCUBA diving

☐ Boating

☐ Tubing

□ Wading

4. Additional Comments:

Contact Information (if willing to provide):

Name:

Address:

Telephone #:

☐ Swimming

☐ Wind surfing

WBID	#	1518	Site #	1100
<b>D</b> (	1	101	$\sim$	

Date: 1 / 26/06

## Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): Longitude (ddd.dddd):	27 41941				
Longitude (ddd.dddd):			Arrival Time:		
Latitude (ddd.dddd): 37.4941 Longitude (ddd.dddd): -92-1434			1515		
Photo Ids: Upstream:		Downstream:	Other: #15°		
*	1/56	#158	# 15	7 rad	
arrative Description	of Location: (De	escribe access point to stream, ne	earby roads, landmarks, etc.	)	
		+ Rd crossing			
		promote or impede recreational			
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks	☐ State parks ☐ National forests		☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	☐ Fence ☐ Steep slopes		☐ Other:	
uman Uses Observed	<u>l*:</u>				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting	
☐ Hunting  Describe: (include numl	☐ Trapping per of individuals rec	☐ Fishing reating, frequency of use, photo-	None of the above	Other:	
Describe: (include numl	per of individuals rec	reating, frequency of use, photo-	☑ None of the above documentation of evidence	Other:	
Describe: (include numl	per of individuals rec	reating, frequency of use, photo-	documentation of evidence	of recreational uses, et	
Describe: (include numl	per of individuals rec	reating, frequency of use, photo-	□ Livestock Watering □ NPDES Discharge	☐ Other: of recreational uses, et	

Max Depth (m)

Max Depth (m)

BID # 1 9	518 Site#	108			4
te: 1 /	15/66				·
	Data	Sheet B - Site Ch	aracterization – 2	of 3	
eam Morp					
Upstream	View Physical Dim	ensions:			
···	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Dept
☐ Riffle					
□ Run					
L Kuii	1	120	300	1.3	1.5
Pool		YNo			

Width (m)

Distance from

access point (m)

☐ Riffle

Run

	1		7			
V Fool			35 12		1.2	1.60
Flow Pre	esent?	s 🖺 No	Velocity (f	t/sec): NOV	neasurab	le Ami
Substrate*: (These	e values should a	dd up to 100%	<b>%.)</b>			
50 % Cobb		Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
Aquatic Vegetatio	n*: (Note amou	ınt of vegetati	on or algal growth at the	assessment site	)	
	1	1019 0	Falgae		•,	
			<u>J</u>			
Water Characteri	stics*: (Mark a	ll that apply.)				
Odor:	☐ Sewage	□Musky	☐ Chemical	V None	☐ Other:	
Color:	☐ Clear	Green	□ Gray	□ Milky	☐ Other:	
Bottom Deposit:	□ Sludge	☐ Solids	□ Fine sedimen	ts V None	☐ Other:	
Surface Deposit:	□ Oil	□ Scum	Foam	□ None	☐ Other:	

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use analysis but may point to conditions that need further analysis or that affect another use.

Length (m)

Avg. Depth (m)

WBID #_	1518	Site # _	NO.
Date:	125/	Ф(p	0

## Data Sheet B - Site Characterization - 3 of 3

<b>Comments:</b> Please describe any departures from protocol and the reasons for departure (e.g., unarconditions, problems in measuring, site relocation).	nticipated unique local
	· · · · · · · · · · · · · · · · · · ·

WBID # 58 Site # 108	
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Date: 1/25/06

Telephone #:

# Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

2. Have you pe	w long have you rsonally used th	i lived here?	ecreation since 1975?	□ Yes □ No
If so, pie	ase check ALL	that apply:		
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	│ □ Kayaking	□ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you obs	G 1 – 5 time G Less than  served others us	1 time per year – p	lease describe:	`
☐ Swimming	se check ALL to	nat apply:		
☐ Wind surfing	<del>                                     </del>	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Hunting	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
La Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:
(	More than $1-5$ times	rved it being used to 5 times per year per year time per year pl	for recreation? ease describe:	
4. Additional Co	mments:			
Contact Info				
Contact Informati Name: Address:	t <b>ion</b> (if willing t	o provide):		

#### **WBID# 1518**



Site# 1106 Photo ID# 151, Upstream



Site# 1107 Photo ID# 155, Upstream



Site# 1106 Photo ID# 152, Downstream



Site# 1107 Photo ID# 153, Downstream

#### **WBID# 1518**



Site# 1107 Photo ID# 154, Trash



Site# 1108 Photo ID# 158, Downstream



Site# 1108 Photo ID# 156, Upstream



Site# 1108 Photo ID# 157, Road